

ABSTRACT OF THE DISCLOSURE

A method of forming induction coil includes the steps of processing a metal material to form a long flat strip having a beginning section, a plurality of middle sections, and an end section that are integrally and sequentially connected to one another; subjecting the sections of the flat strip to necessary surface isolating treatment; and sequentially folding the flat strip at joints of two adjacent middle sections to form a folded section at each joint, and stacking while folding the middle sections one by one to form a frame-type multi-layered coil structure with the folded sections on two adjacent layers of middle sections staggered by an angle without locating on the same vertical axis. The induction coil is durable because the staggered folded sections protect the coil structure against short circuit possibly caused by any damaged surface isolation at any folded section due to deformation thereof.